

INSPECTION REPORT

Partial ☐ Complete ☒ Exploration ☐
 Inspection Date: 01/22/2003/ Time: 9:30 – 12:30
 Date of Last Inspection: 12/17/2002

Mine Name: Crandall Canyon Mine County: Emery Permit Number: C/015/032
 Permittee and/or Operator's Name: Genwal Resources, Inc.
 Business Address: P.O. Box 1077, Price, Utah 84501
 Company Official(s): Gary Gray
 State Official(s): Karl R. Houskeeper Federal Official(s): None
 Weather Conditions: Clear, Temp 33°F
 Type of Mining Activity: Underground ☒ Surface ☐ Prep Plant ☐ Other ☐
 Existing Acreage: Permitted 5195.8 Disturbed 10.7 Regraded ☐ Seeded ☐
 Status: Active

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

INSPECTION REPORT
(Continuation Sheet)

PERMIT NUMBER: C/015/032

DATE OF INSPECTION: 01/22/2003

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The DOGM permit is effective 09/28/1999 and expires 05/13/2003. Other documents include the following:

- Certificate of Insurance issued 07/01/2002 and terminates 07/01/2003.
- Reclamation agreement is dated April 1998 and is signed by both parties.
- UPDES permit UT0024368 effective 09/01/2000 and expires midnight 08/31/2005.
- Air Quality permit DAQE-827-01, issued 10/01/2001.
- SPCC Plan dated 10/18/1999.

Reminded the operator of the expiration date of the DOGM permit on 05/13/2003.

2. SIGNS AND MARKERS

The identification sign is located at the entrance to the permit area from the Forest Service road. All other markers observed during the inspection met the coal rules.

4A. HYDROLOGIC BALANCE: DIVERSIONS

The operator has removed snow and/or graded the diversions to ensure proper drainage. The diversion leading from the noncoal waste storage area to the fuel storage area has ice build up within the diversion from melting and freezing, but still has the ability to transport runoff.

4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

The annual sediment pond inspection was conducted on December 26, 2002. The report for the annual sediment pond inspection conducted on December 26, 2002 is dated January 23, 2002 and P.E. Certified on the same date as the report. The following information is contained on the report:

- Total Sediment Capacity 0.4834 acre-feet.
- 60% Sediment Elevation 7894.00 feet.
- 100% Sediment Elevation 7895.00 feet
- Principal Spillway Elevation 7905.81 feet
- Emergency Spillway Elevation 7906.81 feet
- Existing Sediment Elevation 7893.50 feet

The report also indicated that there is structural instability. The operator has indicated that a sediment pond cleanout will probably be done in 2003.

4D. HYDROLOGIC BALANCE: WATER MONITORING

Third quarter 2002 water quality information is in the EDI website and has been uploaded. Fourth quarter 2002 water quality information is being entered into the EDI website pipeline and the Division will be notified when this information is completed and accurate, so that it can be uploaded.

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4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS

Reviewed the November 2002 Discharge Monitoring Reports (DMR's). The sediment pond outfall 001A did not discharge. Outfall 002A for the Mine Water did discharge, but no parameters were exceeded.

20. AIR QUALITY PERMIT

Air quality permit DAQE-827-01 was issued on October 1, 2001 and remains in effect.

21. BONDING AND INSURANCE

Insurance is provided through Pacific Indemnity Co. policy #3510-95-29DAL.

The bonded amount is \$1,654,000.

Inspector's Signature: _____ Date: January 24, 2003
Karl Houskeeper #49

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM
Gary Gray, Genwal
Price Field office

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